Statistics

Business Career Center Fast Facts

Businesses rely on statistics to plan, launch, analyze, and optimize short- and long-term market strategies. Involving both theoretical and applied statistics, the W. P. Carey business degree in statistics focuses on practice and applied aspects of statistics. You'll learn to draw business insights from the past, present, and future as defined by statistical analysis, and develop a skillset with real-world significance and global potential.

The business degree in statistics covers mathematical and business-focused subject matter, allowing students to explore any number of macro- and micro-level applications. This delivers the business acumen, breadth of knowledge, and practical understanding you need to stand out from those with a pure mathematics background.

Career opportunities related to this program will depend on your interests, the courses you take, and your academic and professional experiences (e.g., internships, study abroad, volunteering/service, work experience). Average starting salaries will vary greatly due to location, company, industry, experience, and benefits, but are expected to be in the range of $40,000 to $60,000 for W. P. Carey graduates.

Pursue diverse career opportunities

- Actuary Science
- Assistant Actuary Analyst
- Financial Analyst
- Government
- Insurance Agents and Brokers
- Manufacturer
- Market and Consumer Research
- Operations
- Product Development and Testing
- Product Strategy and Statistical Analysis
- Quality Assurance Manager
- Research Analyst
- Risk Assessment and Management
- Scientific Research

Map your future in statistics

Consumer Insight and Marketing Research Specialist

Responsible for planning, developing, and conducting quantitative and qualitative research. Collect and analyze data on customer demographics, preferences, needs, and buying habits; and translate this information into functional requirements, and prepare timely reports. Observe, receive, and obtain information from all relevant sources. Participate in design reviews throughout the product development process.

Associate Actuary, Pricing

Independently analyze pricing data, draw conclusions, and make recommendations. Prepare proposals and rate filings and participate in discussion and decision-making process. Assist in training and mentoring newer staff. Perform competitive price analysis as needed. Analyze company and industry experience as required, report findings, and recommend actions as needed. Prepare special reports and data compilations. Maintain automated systems relevant to pricing analyses. Identify opportunities to introduce new or alternative methodologies and implement changes.

Statistics Manager, Technology

Ensure timely support for statistics/analysis team, in addition to successful delivery of technology development initiatives. Manage resources and assure stats/analytics needs are met during all quality assurance efforts. Provide guidance to development partners on business priorities. Ensure development resources are properly distributed. Build consensus on timelines, drive milestone completion, and regularly communicate initiative progress to stakeholders.

Plan, coordinate, and direct activities associated with developing project plans, communication plans, and project schedules. Be a leader on project teams through identifying and managing risk and the resolution of issues. Invest resources into testing and reporting of application developments and collaborate on testing plans, and strategies. Ensure proper idea-to-production execution, provide regular feedback, and conduct performance reviews for direct reports. Take a lead role in improving processes for accurate data intake and work with the technology team as new software is developed to accomplish objectives.
Add Value to Your Degree

As a W. P. Carey student, your classroom experience is just one part of your preparation for a successful career. A variety of extracurricular opportunities provide you with practical, real-world experiences to complement your classroom studies.

Business School Council (BSC)
facebook.com/asuBSC

Your opportunity to learn, grow, and develop leadership and professional skills through greater involvement with the W. P. Carey School of Business. BSC members inform students about matters regarding W. P. Carey, represent business students to the greater ASU community, and increase student-faculty relations within W. P. Carey.

Sigma Alpha Pi
societyleadership.org

A national society of leadership and success, Sigma Alpha Pi was established to support college students as they pursue and achieve goals in college and beyond. Dedicated to creating lasting, positive change.

American Mathematical Society
orgsync.com/114319/chapter

Furthering the interests of mathematical scholarship and research, the ASU student chapter of the American Mathematical Society facilitates networking and collaboration among mathematicians at ASU and other institutions, provides opportunities for research dissemination, and engages in community outreach activities to foster STEM enrollment growth across underprivileged and underrepresented K-12 populations.

Contact

Visit wpcarey.asu.edu/sos to schedule an appointment with your advisor or career coach.

Gamma Iota Sigma
gammaiotasigma.org

Gamma Iota Sigma is an international fraternity chapter at ASU that aims to promote, encourage, and sustain student interest in insurance, risk management, and actuarial science as professions. Facilitates interaction between educational institutions and the industry through networking and by fostering research activities, scholarship, and improved public relations.

American Statistical Association (ASA)
amstat.org

World’s largest community of statisticians. ASA supports excellence in the development, application, and dissemination of statistical science through meetings, publications, membership services, education, accreditation, and more.